

ASKEROV, F.A.; CHAMALIYEV, A.A.

Effect of temperature on the mechanical properties of clay rocks.
Izv. AN Azerb. SSR, Ser. geol.-geog. nauk no. 1167-72 '65.

(MLRA 18:8)

SHAMSIYEV, G.

Effect of the length of day on the formation of the period of
dormancy in seeds of the white pigweed (*Chenopodium album* L.).
Bot. zhur. 47 no.9:1349-1354 S '62. (MIRA 16:5)

1. Leningradskiy gosudarstvennyy universitet.
(Goosefoot) (Photoperiodism) (Germination)

--SHAMSIYEV, Gazi

Effect of different growing conditions on the development of some
morphobiological groups of the lamb's-quarters. Vest. LGU 18
no.9:55-63 '63. (MIRA 16:6)
(Lamb's-quarters) (Botany--Ecology)

SHAMSIYEV, Kutbitdin. Cand Agr Sci -- (diss) "Cultivation of ~~fruit~~ ^{populus trees}
~~poplars~~ in irrigated forest nurseries of the Uzbek SSR." Tashkent, 1958.
24 pp (Uzbek Acad Agr Sci. Tashkent Agr Inst), 120 copies (KL, 13-58, 99)

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SHAMSIYEV, S.M.; SENYAVIN, M.M.

Molybdenum recovery by ion exchange. TSvet. met. 36 no.10:
8-10 0 '63. (MIRA 16:12)

SHAMSIEV, S. Sh.

"Dosage of Drugs for Children," Pediatriya No. 5, 1948. Doktorant, T. N. Preparing for Doctor's Dissertation, Libr., Therapeutics Clinic in. G. N. Speranskiy, Central Order Labor Red Banner. Inst. Pediatrics, Dept. Clinical Med., Acad. Med. Sci., -c1948-.

31098. HEMFIYAY, C. PH.

Ritm koronarnogo sinusa v ranneye vozrasty. Vrachesb. delo, 1949, No. 10,
str. 945-48

SHANNIKOV, N. Sh.

"Clinical Experimental Data on the Use of Digitalis in Children."
Sub 27 Mar 51, Central Inst for the Advanced Training of Physicians.

Dissertations presented for science and engineering degrees in
Moscow during 1951.

SC: Sum. No. 480, 9 May 55

SHAMSIYEV, S. Sh,

Electrocardiographic modifications during digitalis therapy
of cardiac insufficiency in children. Vopr. pediat. 19 no.
4:40-44 1951. (CLML 21:3)

1. Of the Therapeutic Clinic imeni Prof. G. N. Speranskiy
(Head -- Doctor Medical Sciences I. M. Berkovich), Institute of
Pediatrics (Director -- Prof. G. N. Speranskiy) of the Academy
of Medical Sciences USSR.

SHAMSHIN, S. S.

Electrocardiography

Norms of basic characteristics of electrocardiography and their dynamics depending upon age in children under fourteen. *Pediatrics* No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 1952. Unclassified.

SHASHIYEV, S.Sh.

Venous pressure and circulation time before and after digatolis therapy in children. Vopr. pediat. 20 no.2:5-7 Mar-Apr 1952. (CIML 22:1)

1. Of the Therapeutic Clinic imeni Prof. G. N. Speranskiy, Institute of Pediatrics of the Academy of Medical Sciences USSR (Director -- Prof. G. N. Speranskiy, Active Member of the Academy of Medical Sciences USSR).

SHAMSIYEV, S.Sh.

Rational dosage of digitalis in the treatment of cardiac insufficiency in children. Sovet. med. 17 no.2:42-43 Feb 1953. (CIML 24:2)

1. Of the Institute of Pediatrics (Director -- Prof. G. N. Speranskiy, Active Member AMS USSR) of the Academy of Medical Sciences USSR.

SHAMSIYEV, S.Sh., prof.

Mode of action of digitalis. Med.zhur.Uzb. no.1:3-10 Ja '59.

(MIRA 13:2)

1. Iz kafedry propedeytiki detskikh bolezney Tashkentskogo gosud-
darstvennogo meditsinskogo instituta.

(DIGITALIS)

DOMBROVSKAYA, Yu.F., prof.; ZHUKOVSKIY, M.A., starshiy nauchn.sotr.;
KUTUSHEV, F.Kh., doktor med.nauk; LEBEDEV, D.D., prof.;
MASLOV, M.S., prof.[deceased]; MISHURA, V.I., kand.med. nauk;
OSINOVSKIY, E.I., prof.; SHAMSIYEV, S.Sh., prof.; ROGOV, A.A.,
red.; CHUYEVA, L.F., red.; BUL'DYAYEV, N.A., tekhn. red.

[Multivolume manual on pediatrics] Mnogotomnoe rukovodstvo po
pediatrii. Moskva, Medgiz. Vol.3. 1962. 586 p. (MIRA 15:9)

1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for
Dombrovskaya, Maslov).

(PEDIATRICS)

SHAMSIYEV, S.Sh., prof.

Digitalis treatment in cardiac insufficiency developed on a
rheumatic basis. *Pediatrics* 41 [i.e. 42] no.2:52-55 F '63.

(MIRA 16:4)

1. Iz kafedry propedevtiki detskikh bolezney (zaveduyushchiy -
prof. S.Sh.Shamsiyev) Tashkentskogo gosudarstvennogo meditsinskogo
instituta.

(RHEUMATIC HEART DISEASE)

(DIGITALIS)

SHAMSIYEV, U.

Dynamic calculation of a rectangular three-dimensional box
for seismic action. Izv. AN Uz. SSR. Ser. tekhn. nauk 9
no.4:23-28 '65. (MIRA 18:10)

1. Institut mekhaniki AN UzbSSR i Vychislitel'nyy tsentr AN
UzbSSR.

SHAMSIYEV, Ye. A.; NEMATOV, A. N.

Vein formations in the Tysk intrusive. Uzb. geol. zhur. 6
no.5:55-64 '62. (MIRA 15:10)

1. Institut geologii AN Uzbekskoy SSR,

(Zirabulak Mountains—Rocks, Igneous)

NOVRUZOVA, Z.A.; SHAMSIEVA, Y.A.

Endomorphy of Caucasian species of the genus *Berberis* L. as related to the ecology. *Izv.AN Azerb.SSR.Sar.biol.nauk* no.5:11-17 '64. (MIRA 18:4)

SHAPIRO, N. M.

N/S
876.204
.G1

NOVAYEY RUSKIY YAZYK; LEKSIKOLOGIYA, FONETIKA, MORFOLOGIYA (MODERN
RUSSIAN LANGUAGE, BY) YE. N. GALKINA-FEDORUK, K. V. GORSHKOVA I N. M. SHAPSKIY
MOSKVA, UCHPEDGIZ, 1957. 407 p. TABLES. BIBLIOGRAPHY: p. 400-401.

USSR/Chemical Technology - Chemical Products and Their Application. Wood Chemistry
Products. Cellulose and Its Manufacture. Paper, I-23

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63401

Author: Shamson, A. S., Vaysman, L. M.

Institution: Ukrainian Scientific Research Institute of Paper

Title: Instrument for Determination of Electric Strength of Condenser Paper

Original

Periodical: Bum. prom-st', 1956, No 4, 13-14

Abstract: The EP-1000 instrument built by associates of Ukrainian NIIB is based on the electric scheme for spark-over testing of solid dielectrics recommended in GOST 6433-52 (Dielectrics, Solid). The principal element of the automatic unit is a TG-2050 thyatron. The instrument is provided with a device that stops the applied voltage regulating lever at the instant of spark-over through the specimen of paper and preventing its turning. Current is supplied to the instrument from a 220-volt alternating current distribution network. The wiring diagram of the instrument is included.

Card 1/1

SHAMSON, A.S., aspirant.

Automatic control of paper weight. Bum.prom. 32 no.2:5-8 F '57.
(MLRA 10:5)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy
i bumazhnoy promyshlennosti.

(Paper industry--Quality control)
(Governors (Machinery))

SHAMSON, A.S., aspirant

Some aspects of an automatic papermachine. Bum.prom. 34 no.3:12-15
Mr '59. (MIRA 12:4)

1. TSentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i
bumazhnoy promyshlennosti.

(Papermaking machinery)

(Automatic control)

SHAMSON, A.S. (Leningrad)

Automatic control of a papermaking machine and methods
for making the operation fully automatic. Avtom.i telem.
21 no.6:857-866 Je '60. (MIRA 13:7)
(Papermaking machinery) (Automatic control)

SHAMSON, A.S., inzh.; IVANOV, A.S.

Automatically controlled weight of a square meter of paper sheet.
Bum.prom. 35 no.4:9-10 Ap '60. (MIRA 13:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut tsellyuloznoy i
bumazhnoy promyshlennosti (for Shamson). 2. Krasnogorodskaya
bumazhnaya fabrika (for Ivanov).
(Papermaking machinery) (Automatic control)

SHAMSON, A.S.

Automatic regulator of weight of the square meter of paper
sheet. Bum. prom. 36 no.12:23-24 D '61. (MIRA 15:1)
(Papermaking machinery)

SHAMSON, A.S., kand.tekhn.nauk

Radioisotope automatic system of a cardboard making machine.
Bum.prom. 37 no.10:13-15 0 '62. (MIRA 15:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut
tsellyulozno-bumazhnoy promyshlennosti.
(Papermaking machinery) (Automatic control)
(Radioisotopes—Industrial applications)

TESNAVS, E.R.; SHAMSON, A.S.

Proportional-action pulse electronic controller. Priborostroenie
no.3:18-19 Mr '63. (MIRA 16:6)

(Electronic control)

SHAMSON, Anatoliy Samuilovich; PIRGACH, Nikolay Soloveyevich;
SOSNOVSKIY, R.I., red.

[Automatic control of the pressure boxes of high-speed
papermaking machines] Avtomatizatsia napornyykh iashchikov
bystrokhodnykh bumagodelatel'nykh mashin. Moskva, Lesnaia
promyshlennost', 1965. 101 p. (MIRA 18:8)

TAKHTOVICH, G.A.; SHAMSONOV, S.M.; SERGEYEV, A.P.

Wood as a chemical raw material. Gidroliz. i lesokhim. prom.
10 no.3:29-30 '57. (MLRA 10:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy
i sul'fitno-spirovoy promyshlennosti.
(Wood--Chemistry)

TAKHTOVICH, G.A.; SHAMSONOV, S.M.

Continuous method of producing furfurole. Gidroliz. i lesokhin.
prom. 11 no.5:31 '58. (MIRA 11:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut gidroliznoy i
sul'fitno-spirovoy promyshlennosti.
(Furaldehyde)

KHVALENOV, N.; SHAMSOV, V.

Toolmakers' needs. Sov.profsoiuzy 6 no.18:22-24 D '58.

(MIRA 12:2)

1. Ispolnyayushchiy obyazannosti direktora Moskovskogo instrumental'nogo zavoda (for Khvalenov). 2. Predsedatel' zavkoma Moskovskogo instrumental'nogo zavoda (for Shamsov).
(Moscow--Metal-cutting tools)

SRAMSOV, V.M.

Device for cutting blueprints, Vych. i org. tskh. v stroi. i proekt.
no. 2194-95 '62. (MIRA 18:10)

1. Gosudarstvennyy Institut po proyektirovaniyu predpriyatiy
kislородnoy promyshlennosti.

SHAMSUTDINOV, A.M.; otv. red.; VALUYSKIY, A.M., red.; DANTSIG, B.M., red.;
MOISEYEV, P.P., red.; POTSKHVERIYA, B.M., red.; TVERITINOVA, A.S., red.;
GASRATYAN, M.A., red. izd-va;; DEMIN, A.I., red. izd-va;; TSVETKOVA,
S.V., tekhn. red.

[Present-day Turkey] Sovremennaya Turtsiya. Moskva, Izd-vo vostochnoi
lit-ry, 1958. 290 p. (MIRA 11:11)

1. Akademiya nauk SSSR. Institut vostokovedeniya.
(Turkey)

SHAMSUTDINOV, D.G.

Air conditioning unit. Izv.tekh. no.11:35-36 N '62.

(Testing laboratories—Air conditioning)

(MIRA 15:11)

5(1,3)

AUTHORS: Vachresenskiy, V. A., Shamsutdinov, I. S. SOV/153-58-4-19/82

TITLE: The Problem of the Mechanical Orientation of Plasticized Polyvinyl Chloride Films (K voprosu o mekhanicheskoy oriyentatsii plenok plastifitsirovannogo polikhlorvinila)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1998, Nr 4, pp 117 - 121 (USSR)

ABSTRACT: The mechanical orientation (extrusion) of plastic compositions has been little investigated from the quantitative point of view (Ref 1), although this phenomenon is of great interest in practice. Dibutyl phthalate and chlorinated dibutyl phthalate were introduced as plastifiers on rolls at 135 - 140°. The composition of the obtained compounds is given in table 1. Calcium stearate acted as stabilizer. Plasticized materials sheets (2,5-2,6 mm thick) were pressed of several foils of a thickness of 0,2 mm in polished and chromed molds at 145 - 150°. These sheets were mechanically extended by a device (Fig 1). The utmost extension must not be more than 60%. The state obtained by this

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The Problem of the Mechanical Orientation of
Plasticized Polyvinyl Chloride Films

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orientation was fixed by cooling with water at 30-35°. A special constructed pendulum device served for the testing of the resistance to frost (Fig 3). Table 3 shows the influence exerted by the orientation on the physico-mechanical properties and on the resistance to frost of the films. The increase of the value of the breaking load and expansion as well as the increased resistance to frost of the plasticized products due to orientation cannot be explained by the straightening, of the chains, their parallelization and approach alone, but probably is due to a great extent to the fact that the plastifier in the orientation is more equally distributed between the chains of the plastifier. In the extreme case the monomolecular layer is reached. For this reason weaker sections which had been formed by an unequal accumulation of the plastifier disappear. In this way the flexibility, elasticity, strength and resistance to frost of the foils are improved. Thus, an additional mechanical plastification without the introduction of a plastifier is caused. The purity and the

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Plasticized Polyvinyl Chloride Films

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surface luster of the metallic forms is decisive. Foils with 48 and 54 parts by weight of plastifier per 100 parts of the polymer can be considerably improved with respect to their mentioned mechanical and physical properties by orientation. There are 3 figures, 3 tables, and 2 Soviet references.

ASSOCIATION: Kazanskii inzhenerno-stroitel'nyy institut (Kazan' Civil Engineering Institute) Kafedra stroitel'nykh materialov i khimii (Chair of Building materials and Chemistry)

SUBMITTED: January 28, 1958

Form 3/3

5(1,2)

AUTHORS: Voskresenskiy, V. A., Shamsutdinov, I. S.

SOV/153-58-6-15/22

TITLE: On Certain Rules Governing Benzine Action on Plastified Polychlorovinyl (O nekotorykh zakonomernostyakh deystviya benzina na plastifitsirovanny polikhlorvinil)

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Khimiya i khimicheskaya tekhnologiya, 1958, Nr 6, pp 87-92 (USSR)

ABSTRACT: Many polymers and plastified compositions on this basis possess the technologically valuable property of resisting, to a fairly high degree, swelling in low-molecular liquids. This property is made use of in the sealing of flanged joints, in the corrosion protection of chemical apparatus, etc. Neither the mechanisms of action concerned, nor the rules governing said process have been sufficiently explored. The authors judged the resistance to said liquids of the films from the weight changes occurring in samples maintained in benzine B-70. Weight was checked after 1, 2, 3, 5, 10, 15, 20, 25 and 30 days. Plastified polychlorovinyl combinations (resin PB-1) were hot-rolled at 135-140°. The plastifiers employed were dibutyl-phthalate (DBPh), tri-cresyl-phosphate (TCPh), tri-butyl-phosphate, and sovol in quantities varying

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SOV/153-58-6-15/22

On Certain Rules Governing Benzene Action on Plastified Polychlorovinyl

over a wide range. The modern views on the diffusion of the low-molecular liquids (Refs 1-11) are recalled (Fig 1). In the experimental part, figures 2 and 3 show the benzene resistance of the films with DBPh and TcPh, respectively. In samples with high plastifier contents, a significant plastifier extraction from the film occurs. It takes place the more rapidly and to a larger extent the higher the plastifier content in the composition is. There is a weight decrease in such samples (Curves 1, 2 in figure 2, and 1 in figure 3). The benzene resistance of films with identical contents by weight and equimolar contents of various plastifiers varies and obviously depends, in respect of any one polymer, of the chemical nature and structures of the plastifiers employed. Figure 4 illustrates the change in the benzene resistance of the films within 24 hours, according to the quantitative plastifier content and the chemical nature of the plastifiers. The shapes of the curves concerned were about the same for the first 3 plastifiers, but differed widely from that for sovol (Fig 4, Curve 4). Sovol effected a high benzene resistance of the films. Only swelling occurred, but there was no dissolution. Table 1 shows the benzene resistance of the films

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after 24 hours with identical plastifier contents. The technological value of individual combinations is discussed. The changes in the physico-mechanical indices of the films brought about by swelling and dissolution in benzine are shown by table 2. There are 4 figures, 2 tables, and 13 references, 12 of which are Soviet.

ASSOCIATION: Kafedra stroitel'nykh materialov i khimii; Kazanskiy inzhenerno-stroitel'nyy institut
(Chair of Building Materials and Chemistry; Kazan' Institute of Civil Engineering)

SUBMITTED: February 17, 1958

Card 3/3

SHAMSUTDINOV, I.S.; VOBKRESENSKIY, V.A.

Aging and shrinkage of the K-21-22 molding ~~powder~~ in ready
articles. Plast.massy no.12:57-58 '61. (MIRA 14:12)
(Thermoplastics—Molding)

SHAMSUTDINOV, K.

From the work practices of factory bureaus of economic analysis
staffed with volunteers. Tekst.prom. 23 no.11:21-24 N '63.

(MIRA 17:1)

1. Predsedatel' Tatarskogo oblastnogo pravleniya Nauchno-tekhnicheskogo obshchestva legkoy promyshlennosti.

AKIMOVA, T.V.; GARKA VI, M.I.; SHAMSUTDINOV, K.Sh.

Anilins dying of sheepskins. Patent U.S.S.R. 77,911, Dec.31, 1949.
(CA 47 no.19:10239 '53)

BOGOYAVLENSKIY, A.F.; GARKAVI, M.I.; AFANAS'YEV, G.Z.; SHAMSUTDINOV, K.Sh.

Electrochemical method for removing chromium from waste waters
of industrial enterprises. Uch. zap. Kaz. un. 113 no.8:23-26
'53. (MLRA 10:5)

1. Kafedra neorganicheskoy khimii.
(Chromium) (Sewage) (Electrochemistry)

SHAMSUTDINOV, K.Sh.

Cleaning of the hair covering of sheep pelts. Kozh.-obuv. prom.
no.11:8-10 H '59. (MIRA 13:3)

1.Glavnyy inzhener Kazanskogo mekhovogo kombinata.
(Hides and skins)

SHAMSUTDINOV, M.-R. I.

Shamsutdinov, M.-R. I. -- "Methodology of Measuring the Pressures and Temperatures within the Slotted Cylinders of Screw Presses." Min Higher Education USSR, Central Asiatic Polytechnic Inst, Tashkent, 1955 (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis', No. 24, Moscow, Jun 55, pp 91-104

SHAMSUTDINOV, M.

Sixth All-Union Lithological Conference. Uzb.geol.zhur. 8
no.3:79-80 '64. (MIRA 18:12)

1. Institut geologii i geofiziki imeni Abdullayeva AN UzSSR.
Submitted Dec. 20, 1963.

SHAMSUTDINOV, M.Sh.

Tectonic characteristic and geological history of the Guzan
anticline in the Paleozoic (southern Fergana). Uzb. geol. zhur.
no.4:35-44 '58. (MIRA 13:2)

1. Institut geologii AN Uzbekskoy SSR.
(Fergana--Geology)

SHAMSUTDINOV, M. Sh.

Lithology of carbonate rocks in the lower Carboniferous of the
Khanaka and Varzob Basins (southern slope of the Gissar Range).
Uzb. geol. zhur. no.4:33-38 '60. (MIRA 13:10)

1. Institut geologii AN SSSR.
(Gissar Range--Rocks, Carbonate)

PANKRAT'YEV, P.V.; SHAMSUTDINOV, M.Sh.

Lithology and ore content of carbonate rocks of the Lower Carboniferous of the Khandiza deposit (southwestern spurs of the Gissar Range).
Dokl. AN Uz.SSR. 20 no.140-43 '63. (MIRA 16:6)

1. Institut geologii AN Uzbekskoy SSR. Predstavleno chlenom-korrespondentom AN Uzbekskoy SSR V.I.Popovym.
(Khandiza Valley--Rocks, Carbonate--Analysis)

17.01.1957.

18. STANOV, V. I. -- "The Location of Breeding of Cinantropic Flies under the Conditions of Tashkent City." Published by SAVU. Min Higher Education H. R. Central Asia State U. named V. I. Lenin. Tashkent, 1955
(Dissertation for the Degree of Candidate in Biological Sciences).

19. Knizhnyy Letopis', No 2, 1956

SHAMSUTDINOV, N.K.

Wintering of larvae and pupae of some synanthropic flies in Tashkent.
Med.paraz. i paraz.bol.supplement to no.1:79-80 '57. (MIRA 11:1)

1. Iz kafedry biologii Tashkentskogo meditsinskogo instituta.
(TASHKENT--FLIES)

USSR/Zooparasitology. Ticks and Insects--Vectors of G
Causative Agents of Diseases

Abs Jour : Ref Zhur-Biol., No 13, 1958, 57938

Author : Shamsutdinov N. K.

Inst : Not given

Title : On the Methods of Extacting Larvae of House
Flies from Substrata

Orig Pub : Med. zh. Uzbekistana, 1957, No 6, 74

Abstract : A saturated solution of sodium chloride is poured into different substrata in order to extract the larvae of flies. The volume of the solution should be 2½ times of that of the substrata. After a thorough mixing the larvae and pupa float to the surface, and after a double washing with water can be identified with the species to which they belong.

Card 1/1

SHAMSUTDINOV, N.K.; CHAYKA, G.V., red.; TSAY, A.A., tekhn. red.

[Medicinal leech] Meditsinskaiia piilavka. Tashkent, Medgiz,
UzSSR, 1963. 12 p. (MIRA 16:10)

(LEECHES)

NAUMOVA, Ye.K., dots.; SHAMSUTDINOV, N.S., assistant; FEDOROVA, S.A.:
RYABOVA, N.I.; OSANOVA, V.P.; KOKSINA, K.D. (Kazan')

Fighting diphtheria in the country; abstract. Kaz.med.zhur.
no.1:113 Ja-F'61 (MIRA 16:11)

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MESSINOVA, O.V.; YUSUPOVA, D.V.; SHAMSUTDINOV, N.S.;

Deoxyribonuclease activity in corynebacterium and its
relation to toxigenicity. Zhur. mikrobiol., epid. i
immun. 40 no.1:20-25'63. (MIRA 16:10)

1. Iz Kazanskogo gosudarstvennogo universiteta i Kazanskogo
meditsinskogo instituta.

BERIN, M.G.; KHAMINOVA, G.I.; SHANSUTUKOV, N.S.

Bachin's medium in microbiological diagnosis of diphtheria.
Nauch. trudy Kaz. gos. med. inst. 14:103-104 '64. (Mik 18:9)

1. Kafedra mikrobiologii (zav. - dotsent E.Kh.Karimova) Kazan-
skogo meditsinskogo instituta.

SHANSHETDINOV, N.S.; RUFIN, M.G.

Use of the indicator method for the detection and identification
of *Corynebacterium diphtheriae*. Lab. ddp no.2:84 '65.
(MIRA 18:2)

1. Kafedra mikrobiologii (zaveduyushchiy - dotsent Z.Kh. Karimova)
Kazanskogo meditsinskogo instituta.

SHAMSUTDINOV, R.

Methodological section of mechanization schools. Prof.-tekh. obr.
11 no.5.11 Ag '54. (MIRA 7:9)

1. Inzhener Tatarskogo respublikanskogo upravleniya trudovykh rezervov.

(Tatar A.S.S.R.--Technical education) (Technical education--
Tatar A.S.S.R.)

SHAMSUTDINOV, R.
SHAMSUTDINOV, R., inzh.

~~Problems in the technology of sizing corn seeds.~~ Muk.-elev. prom.
23 no.10:8-11 O '57. (MIRA 11:1)

1. Vsesoyuznyy institut mekhanizatsii sel'skogo khozyaystva.
(Corn (Maize))

RAZDOBARIN, A., ~~SHAMSUTDINOV~~, R., inzh.

At the Labinsk Corn Processing Plant. Muk.-elev. prom. 24
no.10:7-8 0 '58. (MIRA 11:12)

1.Zamestitel' direktora Labinskogo zavoda po obrabotke gibridnykh i
sortovykh semyan kukuruzy (for Razdobarin). 2.Vsesoyuznyy institut
mekhanizatsii sel'skogo khozyaystva (for Shamsutdinov).
(Labinsk--Corn (Maize)--Grading)

SHAMSUTDINOV, R. G. Cand Tech Sci -- (diss) "Study of the technological process of grading and sowing of corn seeds." Mos, 1959. 18 pp (Joint Academic Council of All-Union Sci Res Inst of Mechanization of Agriculture VIM and ~~of~~ All-Union Sci Res Inst of Electrification of Agriculture VIESKh). (KL, 41-59, 105)

SHAMSUTDINOV, R.; ITS KOVSKIY, M., red.; BABAKHANOV, A., tekhn. red.

[Public consumption funds on the collective farms of
Uzbekistan] Obshchestvennye fondy potrebleniia v kolkhozakh
Uzbekistana. Tashkent, Gosizdat UzSSR, 1962. 57 p.
(MIRA 16:5)

(Uzbekistan--Collective farms--Finance)

SHAMSUTDINOV, R.G., kand.tekhn.nauk

Semimounted cleaner of corn cobs. Biul.tekh.-ekon.inform.Gos.
nauch.-issl.inst.nauch. i tekhn.inform. 17 no. 5:49-51 My'64.
(MIRA 17:6)

SHAMSUTDINOV, R.G., kand. tekhn. nauk

Devices for sorgo harvesting. Zemledelie 27 no.8:82-86 Ag '65.
(MIRA 18:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut mekhanizatsii
sel'skogo khozyaystva.

SHAMSUTDINOV, R.G., kand.tekhn.nauk; FOMIN, I.T.

Over-all mechanization of the cultivation and harvesting of corn.
Biul.tekh.-ekon.inform. no.11:70-72 '61. (MIRA 14:12)
(Corn (Maize)) (Farm mechanization)

MARKMAN, A.L., doktor khim.nauk; SHAMSUTDINOV, R.I., kand.tekhn.nauk;
SABIROV, Z.S., inzh.; BURNASHEVA, S.N., kand.tekhn.nauk

Dynamics of gossypol extraction. Masl.-zhir.prom. 29 no.11:13-15
N '63. (MIRA 16:12)

1. Institut khimii rastitel'nykh veschestv AN UzSSR.

MARKMAN, A.L., doktor khimicheskikh nauk; SHAMSUTDINOV, R.M., kandidat
tekhnicheskikh nauk.

Gauge for measuring pressure in barrel cylinders of screw presses.
Masl.-zhir.prom. 23 no.6:15-19 '57. (MLRA 10:7)

1. Srednesziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta zhirov.

(Manometer)

AKHMETOV, M.M., kand. tekhn. nauk; TSITSEL'SKIY, Ye.K., gornyy inzh.;
SHAMSUTDINOV, R.N., gornyy inzh.; MEDVEDEV, S.A.

Practice of mechanizing the charging of upward holes. Gor.
zhur. no.7:38-40 J1 '63. (MIRA 16:8)

1. Leninogorskoye otdeleniye Altayskogo gornometallurgicheskogo nauchno-issledovatel'skogo instituta (for Akhmetov, TSitsel'skiy, Shamsutdinov). 2. Leninogorskiy polimetallicheskiy kombinat (for Medvedev).

AKHMETOV, M.M., kand. tekhn. nauk; ANOSHKIN, V.V., gornyy inzh.;
DROZDOVSKIY, N.N., gornyy inzh.; SHAMSUTDINOV, R.N., gornyy inzh.;
RUDAKOV, N.F., gornyy tekhnik; KNYAZEV, V.L., tekhnik

Results of testing electric detonators with a delay interval of
15 msec. Gor. zhur. no.5,38-39 My '65. (MIRA 18:5)

1. Vsesoyuznyy nauchno-issledovatel'skiy gornometallurgicheskiy
institut tsvetnykh metallov (for all except Knyazev). 2. Lenino-
gorskiy polimetallicheskiy kombinat (for Knyazev).

SHAMSUTDINOV, R.S.

Change in the power supply network of radio relay apparatus.
Avtom., telem. i sviaz' 8 no.10:28 0 '64.

(MIRA 17:11)

1. Starshiy inzh. radiosvyazi Belovskoy distantzii Zapadno-
Sibirskoy dorogi.

SHAMSUTDINOV, E.; PAN'KIN, N., inzh.; DUBYAGO, P.; BELETSKIY, M., inzh.;
EYNIS, S.; YELIZAR'YEV, B.

Exchange of experience. Avt. transp. 42 no.10:53-54 0 '64.
(MIRA 17:11)

SHAMSUTDINOV, T.

Possibility of centrifugal separation of raw cotton from the conveying flow. Izv. AN Uz. SSR. Ser. tekhn. nauk no. 3:78-81 '59.

(MIRA 12:7)

1. Institut mekhaniki AN UzSSR.
(Cotton-picking machinery) (Separators (Machines))

SHAMSUTDINOV, T.

Self-vibrating pulsator (agitator) of the flow in a pneumatic
cotton-harvesting machine. Izv.AN Uzb.SSR.Ser.tekh.nauk. no.6:
80-85 '59. (MIRA 13:4)

1. Moskovskiy gosuniversitet im. M.V. Lomonosova.
(Cotton-picking machinery)

SHAMSUTDINOV, T. Cand Tech Sci -- "Certain problem^s of the aerodynamics of
a cotton-harvesting machines." Tashkent, 1961 (Acad Sci UzSSR. Joint
Academic Council of the Department of Tech Sci. Inst of Mechanics, Acad Sci
UzSSR). (KL, 4-61, 202)

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SHAMSUTDINOV, Z.; CHALBASH, R.

Water regimen of wormwood, sedge, and meadow grass in the Karnabchul' area of Uzbekistan. Uzb. biol. zhur. no.5:25-27 '60.
(MIRA 13:11)

1. Institut karakulevodstva Uzbekskoy Akademii sel'skokhozyaystvennykh nauk.
(Karnabchul' Steppe--Plants, Effect of aridity on)

SHAMSUTDINOV, Z.Sh.

Transpiration and cell sap concentration of some forage plants in
the deserts of Uzbekistan. Fiziol.rast. 6 no.6:735-736 H-D
'59. (MIRA 13:4)

1. Scientific Research Institute of Karakule Breeding, Samarkand.
(Uzbekistan--Forage plants)
(Plants--Transpiration)

SHAMSUTDINOV, Z.Sh.

Our experience in the reclamation of pastures consisting mainly
of wormwood and ephemerals. Zemledelis 7 no.1:62-65 Ja '59.
(MIRA 12:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut karakulevod-
stva.

(Uzbekistan--Pastures and meadows)

SHAMSUTDINOV, Z.Sh. (Samarkand)

Black saksaul shelterbelts. Priroda 51 no.10:63 0 '62.

(MIRA 15:10)

(Soviet Central Asia--Saksaul)

SHAMSUTDINOV, Z.Sh.

Increase the productivity of desert and semidesert pastures in
Uzbekistan, Zemledelie 25 no.2:24-27 F '63. (MIRA 16:5)

1. Vsesoyuznyy institut karakulevodstva.
(Uzbekistan--Pastures and meadows)

SHAMSUTDINOV, Z. Sh.; PARPIYEV, Yu.

Ecological and physiological characteristics of *Ferula assa*
foetida L. of Kyzyl Kum. Bot. zhur. 48 no.3:440-443 Mr '63.
(MIRA 16:4)

1. Vsesoyuznyy institut karakulevodstva, Samarkand.

(Kyzyl Kum--~~Ferula~~)

SHAMSUTDINOV, Z.Sh.

Ecological characteristics of the black saksaul. Uzb. biol. zhur.
8 no.4:53-57 '64. (MIRA 18:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut karakulevcdstva.

NAME: HAMMUTDINOVA, S.S.

Comparative evaluation of the effectiveness of treating Botkin's
disease with ASK-41 and glasses. Sbornik nauch. trud. TashGMI 22-192-
199 1/2.

(MIRA 18:10)

1. Kafedra Infektsionnykh bolezney latshebnogo fakul'teta (zav.
kafedroy - prof. T.Kh.Nadzhmiddinov) Tashkent'skogo gosudarstvennogo
meditsinskogo instituta.

ARBUZOV, B.A.; VINOGRADOVA, V.S.; POLEZHAYEVA, N.A.; SHAMSUTDINOVA, A.K.

Esters of α -ketophosphinic acids. Report No.11: Action of dimethane on diethyl esters of acetyl- and benzoylphosphinic acids. Izv. AN SSSR. Otd.khim. nauk no.4:675-683 Ap '63. (MIRA 16:3)

1. Khimicheskiy institut im. A.M.Butlerova Kazanskogo gosudarstvennogo universiteta im. V.I.Ul'yanova-Lenina.
(Phosphinic acid) (Methane)

ARBUZOV, B.A.; POLEZHAYEVA, N.A.; VINOGRADOVA, V.S.; SHAMSUTDINOVA, A.K.

Products of interaction of chloroacetone and ω -bromoacetophenone
with diphenylphosphinic acid esters. Izv. AN SSSR. Ser. khim. no.4:
669-678 '65. (MIRA 18:5)

1. Khimicheskiy institut im. A.M.Butlerova Kazanskogo gosudarstven-
nogo universiteta im. V.I.Ul'yanova-Lenina.

ARBUZOV, B.A.; VINOGRADOVA, V.S.; POLEZHAYEVA, N.A.; SHAMSUTDINOVA, A.K.

Esters of β -ketophosphinic acids. Report No.12: Structure of the products of interaction of some aromatic α -halo ketones with triethyl phosphite and sodium diethyl phosphite. Izv.AN SSSR. Ser.khim. no.8:1380-1389 Ag '63. (MIRA 16:9)

1. Nauchno-issledovatel'skiy khimicheskiy institut im. A.M.Butlerova Kazanskogo gosudarstvennogo universiteta im. V.I.Ul'yanova-Lenina.
(Ketones) (Phosphorous acid)

L 1129-66 (N) EWT(1)/EWT(m)/EPF(c)/EWP(j)/EWA(b)-2/EWA(c) RPL JW/EW/RO/RM
 ACCESSION NR: AP5022930 UR/0062/65/000/008/1389/1396
 661.718.1

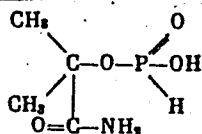
AUTHOR: Arbuzov, B. A.; Dianova, E. N.; Vinogradova, V. S.; Shamsutdinova, A. K.

TITLE: The nature of di- α -cyanisopropyl ester of phosphorous acid

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya no. 8, 1965, 1389-1396

TOPIC TAGS: ester, phosphorous acid, IR spectrum

ABSTRACT: The structure of di- α -cyanisopropyl



and tri- α -cyanisopropyl esters of phosphorous acid were investigated by IR spectroscopy. The IR spectra were taken using a Migher H-800 spectrophotometer. The 2000-3500 cm^{-1} range was investigated with an IKS-14 spectrophotometer. The IR spectrum

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L 1129-66

ACCESSION NR: AP5022930

of di- α -cyanisopropyl ester of phosphorous acid is shown in fig. 1 of the Enclosure. To verify the structure, these spectra were compared with the spectra of products from hydrolysis of the chloroanhydride of di- α -cyanisopropyl phosphoric acid. It was found that di- α -cyanisopropyl as well as tri- α -cyanisopropyl esters of phosphoric acid contain an atom of pentavalent phosphorous. Orig. art. has: 5 figures, 1 formula.

ASSOCIATION: Khimicheskiy institut im. A. M. Butlerova Kazanskogo gosudarstvennogo universiteta (Chemical Institute, Kazan State University) 44,55

SUBMITTED: 24Jun63

ENCL: 01

SUB CODE: GC, OC

NO REF SOV: 003

OTHER: 007

Card 2/3

L 1129-66

ACCESSION NR: AP5022930.

ENCLOSURE: 01

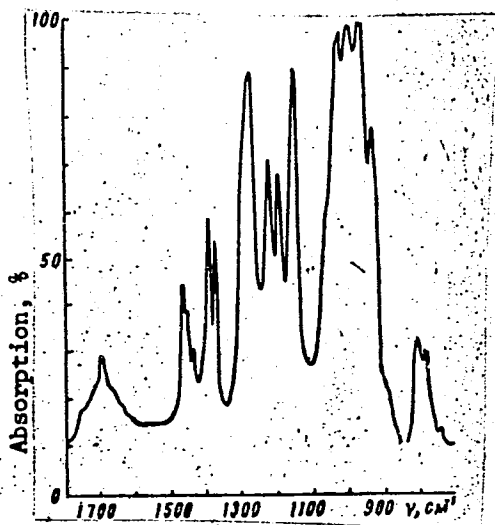


Fig. 1.

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1 16080-65 EWT(m)/EPF(c)/EWP(j) Pc-4/Pr-4 SSD/AFWL JXT(CZ)/RM
 ACCESSION NR: AP5001947 S/0020/64/158/001/0137/0140

AUTHOR: Arbuzov, B. A. (Academician); Dianova, E. N.; Vinogradova, V. S.; Shamsutdinova, A. K.

TITLE: Reaction of sodium diethylphosphide with 1, 2-dibromocyclohexane and 1, 2-dibromomethane

SOURCE: AN SSSR. Doklady, v. 158, no. 1, 1964, 137-140

TOPIC TAGS: phosphorus compound, hexane, bromine, organosodium compound, distillation

Abstract: The reaction of sodium diethylphosphide with 1, 2-dibromocyclohexane was studied to determine which phosphorus derivatives are formed. The following compounds were found after distillation of the resulting cyclohexane and phosphorus-containing products: 1) diethylphosphorous acid; 2) a fraction with a 61-61.5° boiling point (2.5 mm), which proved to be a mixture of dibromocyclohexane (60%) with triethylphosphate (40%); 3) tetraethylpyrophosphite; 4) tetraethyl ester of subphosphoric acid; 5) a fraction with a 131-134° (2 mm) boiling point, which may prove to be tetraethylpyrophosphate, although its physical constants differed somewhat from pyrophosphate constants. It was thus found that organophosphorus

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L 15080-65

ACCESSION NR: AP5001947

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compounds obtained in the reaction of dibromocyclohexane with sodium diethylphosphide proved to be the same as those for the reaction of sodium diethylphosphide with bromine. Orig. art. has 3 articles and 1 figure.

ASSOCIATION: Nauchno-issledovatel'skiy institut im. A. M. Butlerova (Scientific Research Institute); Kazanskogo gosudarstvennogo universiteta im. V. I. Ul'yanova-Lenina (Kazan' State University)

SUBMITTED: 09May64

ENCL: 00

SUB CODE: OC, GC

NO REF SOV: 005

OTHER: 007

JPRS

Card 2/2

L 20773-66 EWP(j)/EWT(m) RM

ACC NR: AP6012034

SOURCE CODE: UR/0020/65/160/001/0099/0102

AUTHOR: Arbuzov, V. A. (Academician); Dianova, E. N.; Vinogradova, V. S.;
Shamsutdinova, A. K. 32
B

ORG: Chemical Institute im. A. M. Butlerov, Kazan' State University im. V. I. Ul'yandv-Lenin (Khimicheskii institut pri Kazanskom gosudarstvennom universitete)

TITLE: Reactions of tri-(alpha-cyanoisopropyl) phosphite, ethyl-di-ter-(beta,beta,beta-trichlorobutyl) phosphite, and tri-(beta,beta,beta-trichloroethyl) phosphite with chloral

SOURCE: AN SSSR. Doklady, v. 160, no. 1, 1965, 99-102

TOPIC TAGS: organic phosphorous compound, chlorine compound, ester, chemical reaction

ABSTRACT: Tri-(alpha-cyanoisopropyl) phosphite was found to react with chloral at room temperature, forming the di-alpha-cyanoisopropyl ester of alpha-hydroxy-(beta,beta,beta-trichloroethyl)-phosphinic acid, splitting off methacrylonitrile. The reaction between chloral and tri-ter-(beta,beta,beta-trichlorobutyl) phosphite produced di-ter-(beta,beta,beta-trichlorobutyl)-phosphorous acid, which in turn reacted with chloral to give the di-ter-(beta,beta,beta-trichlorobutyl) ester of alpha-hydroxy-beta,beta,beta-trichloroethylphosphinic acid. The reaction of chloral with mixed di-ter-(beta,beta,beta-trichlorobutyl)-ethyl phosphite produced the di-ter-(beta,beta,beta-trichlorobutyl) ester of alpha-hydroxy-beta,beta,beta-trichloroethylphosphinic acid and di-ter-(beta,beta,beta-trichlorobutyl)-(beta,beta,beta-dichlorovinyl) phosphate. Another complete phosphite with electro-negative groups in the ester radicals, tri-(beta,beta,beta-trichloroethyl)

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L 20773-66

ACC NR: AP6012034

phosphite, reacted with chloral at room temperature to give the di-beta,beta,beta-trichloroethyl ester of alpha-hydroxy-beta,beta,beta-trichloroethylphosphinic acid. The reaction mechanisms and infrared spectra of the reaction products are discussed. Orig. art. has: 4 figures. [JPRS]

SUB CODE: 07 / SUBM DATE: 11Jun64 / ORIG REF: 005 / OTH REF: 003

Card 2/2

SHANSUTDINOVA, F.Y., KRASIL'NIKOV, D.D., YEFIMOV, N.N., and NIFONTOV, I.A.,

"Atmospheric Effects on the Frequency of Extensive Air Showers
of Various Sizes,"

report presented at the Intl. Conference on Cosmic Rays and
Earth Storms, Kyoto, Japan, 4-15 Sept 1961.

SHAMSUTDINOVA, P.K., KRASIL'NIKOV, D.D., YEFIMOV, M.N., and NIFONTOV, M.A.,

"Size Spectrum of Extensive Air Showers at Sea-Level,"

report presented at the Intl. Conference on Cosmic Rays and
Earth Storms, Kyoto, Japan, 4-15 Sept 1961.

KRASIL'NIKOV, D.D.; YEFIMOV, N.N.; NIFONTOV, M.A.; SHAMSUTDINOVA, F.K.

Relation between the width ratio and the mean intensity of
extensive air showers. Trudy IAFAN SSSR. Ser. fiz. no.4:19-21
'62. (MIRA 15:12)

(Cosmic rays)

S/048/62/026/006/018/020
B125/B102

AUTHORS:

Krasil'nikov, D. D., Yefimov, N. N., Nifontov, M. A., and
Shamsutdinova, F. K.

TITLE:

Continuation of the investigation into the intensity spectrum
and into the atmospheric effects due to extensive
atmospheric showers near sea level

PERIODICAL:

Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya,
v. 26, no. 6, 1962, 823-830

TEXT: Some results established since 1960 concerning the intensity
spectrum and the atmospheric frequency effects due to extensive
atmospheric showers of various intensities are reviewed. The function
 $\psi(r)$ of the shower particle distribution not dependent on the intensity is
assumed to be
 $\psi(r) = 1.84 \cdot 10^{-3} r^{-1}$ for $r < 10$ m, $\psi(r) = 2.21 \cdot 10^{-3} r^{-1} \exp(-r/55)$ for
 $10 < r < 100$ m, and $\psi(r) = 0.57 r^{-2.6}$ for $r > 100$ m. The spectrum of vertical
intensity at sea level $K(N)dN \sim N^{-\kappa-1}dN$, $\kappa = 1.4$ with a particle number
card 1/4

S/046/62/026/006/018/020
B125/B102

Continuation of the investigation ...

$n < 2 \cdot 10^{15}$ and $\kappa = 1.7$ for $N > 2 \cdot 10^5$, is expressed in exponential form on the basis of earlier results and further experimental comparison. This spectrum agrees satisfactorily with the experimental results for ranges between 3.8 and 80 m and with the areas $\sigma = 1.0, 0.5$ and 0.17 m^2 covered by the counter groups. It practically proves that $\psi(r)$ is independent of the shower intensity. The frequency of the extensive atmospheric showers selected according to the method of the n-fold coincidence is represented as

$$C(n, \sigma) = \int_0^\infty K(N) W[N, n, \sigma, \varphi(r, R)] dN,$$

$$W[N, n, \sigma, \varphi(r, R)] = \iint_{(S)} W[N, n', \sigma, \varphi(r, R)] dS$$

The observed variations $\delta C(n, \sigma)$ can be caused by the changes $\delta K(N)$ as well as by distortions of the distribution function $\delta \varphi(r, R)$. $\varphi(R)$ is approximated by an exponential function

$$\varphi(r, R) \approx \begin{cases} b_1 r^{-1} e^{-\frac{r}{R}} & (r \leq 100 \text{ m}), \\ b_2 r^{-2.6} & (r > 100 \text{ m}); \end{cases}$$

If corrections for the geometrical effects are considered, the following

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Continuation of the investigation ...

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B125/B102

is obtained for the barometric coefficient by variation of $C(n, f)$ with respect to the parameter R of the function $\psi(r, R)$ with constant $K(N)$:

$$\beta_T = - \frac{2(\kappa - 1) - \alpha}{T} \Big|_{h=\text{const}}$$

The geometrical temperature effect is given by:

$$\alpha_h(n, \sigma)_{\text{geom}} = \frac{\delta C(n, \sigma) - \alpha_r(n, \sigma) \cdot \delta H}{\delta h} \frac{100}{C(n, \sigma)}$$

The observed increase in the barometric coefficient with increasing absorption coefficient of the shower particles cannot be explained by an increase of κ with constant absorption coefficient. The present results point to a change of the character of the variations to which extensive atmospheric showers are subject within a range from 10^{14} to 10^{15} ev, due to either the increasing presence of heavy nuclei among the primary particles with $E_0 > 10^{15}$ ev or to a change in the composition of secondary particles. There are 4 figures and 1 table.

Card 3/4

Continuation of the investigation ...

S/048/62/026/006/018/020
B125/B102

ASSOCIATION: Yakutskiy filial Sibirskogo otdeleniya Akademii nauk SSSR,
Laboratoriya fizicheskikh problem (Yakutsk Branch of the
Siberian Department of the Academy of Sciences USSR,
Laboratory of Physical Problems)

Card 4/4